

INTEROPERABILITY OF A NETWORK INTERFACE PROTOCOL WITH AN
INTERNET INTERFACE PROTOCOL

ABSTRACT OF THE DISCLOSURE

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A method for interoperability of a network interface protocol with an Internet interface protocol begins by receiving a scan channel request of a plurality of channels that are in accordance with the network interface protocol. The method then continues by determining whether an Internet packet is being received via one of the plurality of channels when the channel scan request is received (i.e., is a higher layer protocol supporting a current transmission). If so, the method continues by scanning at least one channel of the plurality of channels, but does not scan all of the plurality of channels at one time. The method continues after the scanning by tuning to the channel supporting the higher layer protocol communication to transmit at least one outbound Internet packet. The method then continues by scanning at least another channel of the plurality of channels.

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